

**Published Standards Documents - As of November 2003**

Document Title	Lead SDO	Doc #	Publish Date	Order Information
A Conceptual ITS Architecture: An ATIS Perspective	SAE	J1763	31-Jul-95	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Adaptive Cruise Control (ACC) Human Factors: Operating Characteristics and User Interface	SAE	J2399	15-Sep-03	Approved April 2002; awaiting publication.
Calculation of the Time to Complete In-Vehicle Navigation and Route Guidance Tasks	SAE	J2365	1-May-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Commercial Vehicle Credentials	ANSI	ANSI ASC X12 TS286	1-Oct-97	Order from <a href="http://www.disa.org">www.disa.org</a> or call 703-548-7005.
Commercial Vehicle Safety Reports	ANSI	ASC X12 TS284	1-Dec-98	Order from <a href="http://www.disa.org">www.disa.org</a> or call 703-548-7005.
Commercial Vehicle Safety and Credentials Information Exchange	ANSI	ANSI ASC X12 TS285	1-Dec-96	Order from <a href="http://www.disa.org">www.disa.org</a> or call 703-548-7005.
Comparison of GATS Messages to SAE ATIS Standards Information Report	SAE	J2539	28-Feb-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Data Dictionary for Advanced Traveler Information Systems (ATIS)	SAE	J2353	19-Oct-99	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Data Radio Channel (DARC) System	EIA/CEA	EIA-794	1-Jul-99	Order from <a href="http://www.global.ihs.com">www.global.ihs.com</a> or call 800-854-7179.
Definitions and Experimental Measures Related to the Specifications of Driver Visual Behavior Using Video Based Techniques	SAE	J2396	14-Jul-00	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Field Test Analysis Information Report	SAE	J2372	14-Dec-99	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Guide for Microwave Communications System Development	IEEE	Std 1404-1998	22-Jul-98	Order from <a href="http://standards.ieee.org/catalog/ordering.html">standards.ieee.org/catalog/ordering.html</a> or 800-678-IEEE.
Human Factors in Forward Collision Warning Systems: Operating Characteristics and User Interface Requirements	SAE	J2400	29-Aug-03	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
ISP-Vehicle Location Referencing Standard	SAE	J1746	15-Dec-99	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
ITIS Phrase Lists (International Traveler Information Systems)	SAE	J2540/2	1-Feb-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970. Amendment 1 ballot will end in Oct. 2003.
ITS Data Bus - Low Impedance Stereo Audio	SAE	J2366/1L	1-Nov-01	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
ITS Data Bus Architecture Reference Model Information Report	SAE	J2355	1-Oct-97	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
ITS Data Bus Data Security Services Recommended Practice	SAE	J1760	30-Dec-01	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.

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ITS Data Bus Protocol - Application Layer Recommended Practice	SAE	J2366-7	30-Apr-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
ITS Data Bus Protocol - Link Layer Recommended Practice	SAE	J2366-2	28-Nov-01	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
ITS Data Bus Protocol - Physical Layer Recommended Practice	SAE	J2366-1	28-Nov-01	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
ITS Data Bus Protocol - Thin Transport Layer Recommended Practice	SAE	J2366-4	30-Mar-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
ITS In-Vehicle Message Priority	SAE	J2395	28-Feb-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Information Report on ITS Terms and Definitions	SAE	J1761	30-Apr-96	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Location Referencing Message Specification	SAE	J2374	23-Sep-99	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Mayday Industry Survey Information Report	SAE	J2352	1-Sep-98	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Message Set for Advanced Traveler Information Systems (ATIS)	SAE	J2354	27-Nov-99	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970. Version 2 ballot expected in Nov. 2003.
Messages for Handling Strings and Look -Up Tables in ATIS Standards	SAE	J2540	1-Feb-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
NTCIP - Point to Multi-Point Protocol using FSK Modems Subnetwork Profile	AASHTO	2102	1-Aug-03	Order from <a href="http://www.ntcip.org/order">www.ntcip.org/order</a> .
NTCIP - Application Profile for File Transfer Protocol (FTP)	AASHTO	2303	30-Mar-02	Order from <a href="http://www.ntcip.org/order">www.ntcip.org/order</a> .
NTCIP - Application Profile for Simple Transportation Management Framework (STMF)	AASHTO	2301	30-Mar-02	Order from <a href="http://www.ntcip.org/order">www.ntcip.org/order</a> . Version 2 is in a working group draft.
NTCIP - Application Profile for Trivial File Transfer Protocol	AASHTO	2302	27-Mar-02	Order from <a href="http://www.ntcip.org/order">www.ntcip.org/order</a> .
NTCIP - Class B Profile	AASHTO	2001	1-Mar-98	Order from <a href="http://www.ntcip.org/order">www.ntcip.org/order</a> .
NTCIP - Global Object Definitions	AASHTO	1201	15-Apr-97	Order from <a href="http://www.ntcip.org/order">www.ntcip.org/order</a> . Version 2 is in ballot, as of Oct. 2002.
NTCIP - Object Definitions for Actuated Traffic Signal Controller Units	AASHTO	1202	1-Apr-97	Order Version 1 standard from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Version 2 in "working group draft."
NTCIP - Object Definitions for Dynamic Message Signs	AASHTO	1203	1-Oct-97	Order Version 1 from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Version 2 in "user comment draft."

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NTCIP - Object Definitions for Environmental Sensor Stations	AASHTO	1204	1-Oct-98	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 approved in 2001. A draft of version 2 is being reviewed.
NTCIP - Object Definitions for Ramp Meter Control (RMC)	AASHTO	1207	28-Apr-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> .
NTCIP - Objects for CCTV Camera Control	AASHTO	1205	24-Apr-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Admendent 1 in working group draft.
NTCIP - Point to Multi-Point Protocol using RS 232 Subnetwork Profile	AASHTO	2101	30-Mar-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> .
NTCIP - Profile - Framework and Classification of Profiles	AASHTO	8003	30-Mar-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> .
NTCIP - Simple Transportation Management Framework (STMF)	AASHTO	1101	1-Apr-97	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 approved.
NTCIP - Transport Profile for Internet (TCP/IP and UDP/IP)	AASHTO	2202	27-Mar-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> .
National Names Phrase List	SAE	J2540/3	1-Jan-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
On-Board Land Vehicle Mayday Reporting Interface	SAE	J2313	30-Sep-99	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
RDS (Radio Data System) Phrase Lists	SAE	J2540/1	1-Jul-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Serial Data Communications Between Microcomputer Systems in Heavy-Duty Vehicle Applications	SAE	J1708	30-Jun-95	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Stakeholders Workshop Information Report	SAE	J2373	15-Apr-00	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Standard Guide for Archiving and Retrieving ITS-Generated Data	ASTM	E2259-03	1-Jun-03	Order from <a href="http://www.astm.org">www.astm.org</a> , search for E2259-03 or call 610-832-9585.
Standard Metrology for Vehicular Displays	SAE	J1757/1	1-Jul-02	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.
Standard Provisional Specification for Dedicated Short Range Communication (DSRC) Data Link Layer	ASTM	PS 105-99	3-Apr-00	Order from <a href="http://www.astm.org">www.astm.org</a> or call 610-832-9585.
Standard Specification for Telecommunications and Information Exchange between Roadside and Vehicle Systems: 5.9 GHz DSRC MAC and Physical Layer	ASTM	E2213-03	1-Oct-02	Order from <a href="http://www.astm.org">www.astm.org</a> or call 610-832-9585. Version 2 is in the ballot stage.
Standard for ATIS Message Sets Delivered Over Reduced Bandwidth Media	SAE	J2369	21-Feb-01	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.

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Standard for Common Incident Management Message Sets for use by Emergency Management Centers	IEEE	Std 1512-2000	7-Jul-00	Order from <a href="http://standards.ieee.org/catalog/ordering.html">standards.ieee.org/catalog/ordering.html</a> or 800-678-IEEE.
Standard for Data Dictionaries for Intelligent Transportation Systems - Part 1 Functional Area Data Dictionaries	IEEE	Std 1489-1999	6-Dec-99	Order from <a href="http://standards.ieee.org/catalog/ordering.html">standards.ieee.org/catalog/ordering.html</a> or 800-678-IEEE. Version 2 in working group draft.
Standard for Hazardous Material Incident Management Message Sets for Use by Emergency Management Centers	IEEE	Std 1512.3-2002	29-Oct-02	Order from <a href="http://standards.ieee.org/catalog/ordering.html">standards.ieee.org/catalog/ordering.html</a> or 800-678-IEEE.
Standard for Message Set Template for Intelligent Transportation Systems	IEEE	Std 1488-2000	13-Jul-00	Order from <a href="http://standards.ieee.org/catalog/ordering.html">standards.ieee.org/catalog/ordering.html</a> or 800-678-IEEE. Version 2 in working group draft.
Standard for Message Sets for Vehicle/Roadside Communications	IEEE	Std 1455-1999	31-Jul-99	Order from <a href="http://standards.ieee.org/catalog/ordering.html">standards.ieee.org/catalog/ordering.html</a> or 800-678-IEEE.
Standard for Traffic Incident Management Message Sets for Use by EMCs	IEEE	P1512.1	30-Jun-03	Order from <a href="http://standards.ieee.org">http://standards.ieee.org</a> .
Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection	IEEE	Std 1570-2002	18-Oct-02	Order from <a href="http://standards.ieee.org/catalog/ordering.html">standards.ieee.org/catalog/ordering.html</a> or 800-678-IEEE.
Std. Spec. for Ded Short Range Comm. (DSRC) Physical Layer Using Microwave in the 902-928 MHz Band	ASTM	E2158-01	5-Apr-99	Order from <a href="http://www.astm.org">www.astm.org</a> or call 610-832-9585.
Subcarrier Traffic Information Channel (STIC) System	EIA/CEA	EIA-795	13-Aug-99	Order from <a href="http://www.global.ihs.com">www.global.ihs.com</a> or call 800-854-7179.
TCIP - Framework Standard	NTCIP	1400	15-Jan-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.
TCIP - Standard on Common Public Transportation (CPT) Objects	NTCIP	1401	27-Apr-01	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.
TCIP - Standard on Control Center (CC) Objects	NTCIP	1407	14-Jan-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.
TCIP - Standard on Fare Collection (FC) Objects	NTCIP	1408	14-Jan-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.
TCIP - Standard on Incident Management (IM) Objects	NTCIP	1402	27-Apr-01	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.
TCIP - Standard on On-Board (OB) Objects	NTCIP	1406	14-Jan-02	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.
TCIP - Standard on Passenger Information (PI) Objects	NTCIP	1403	27-Apr-01	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.
TCIP - Standard on Scheduling/Runcutting (SCH) Objects	NTCIP	1404	27-Apr-01	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.
TCIP - Standard on Spatial Representation (SP) Objects	NTCIP	1405	27-Apr-01	Order from <a href="http://www.ntcip.org/order/">www.ntcip.org/order/</a> . Amendment 1 under development.

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The Survey and Analysis of Existing Standards and those Under Development Applicable to the Needs of the ITS Communications Technologies	IEEE	Bks 1-6: SH94633-SH 94638	19-Jun-98	Order from <a href="http://standards.ieee.org/catalog/ordering.html">standards.ieee.org/catalog/ordering.html</a> or 800-678-IEEE.
Truth-in-Labeling Standard for Navigation Map Databases	SAE	J1663	30-Aug-95	Order from <a href="http://www.sae.org">www.sae.org</a> or call 724-776-4970.